

## SECOND CIRCULAR

# The 13<sup>th</sup> JCSDA Technical Review Meeting & Science Workshop on Satellite Data Assimilation

**May 13-15, 2015**

**will be held at the**

### **NOAA Center for Weather and Climate Prediction (NCWCP)**

5830 University Research Court  
College Park, Maryland 20740

*(Please note that although the conference center is located outside the secure zone and no building pass is required, photo ID may be required.)*

**For Dining and accommodation options in College Park:**

<http://shopcollegepark.org>

### **Introduction:**

The purpose of the annual JCSDA technical review meeting and science workshop is to review the ongoing and planned scientific development sponsored by the NASA-NOAA-DOD Joint Center for Satellite Data Assimilation, and to coordinate these efforts, both internally and with the outside research community involved in the satellite data assimilation (especially those directly funded by the JCSDA through FFO and/or ROSES programs). Two full and one half days will be devoted to the meeting with plenty of time for discussions, interactions, scientific exchanges and formal presentations, both among scientists from all JCSDA partners and with JCSDA managers. Formal recommendations from working groups' discussions that take place during the meeting, are reviewed by the JCSDA management on an annual basis, and serve as one of the inputs when developing technical directions of the JCSDA future activities. The JCSDA has the following six primary scientific priority areas, approved by the JCSDA science steering committee:

- Radiative Transfer Modeling (CRTM)
- Preparation for assimilation of new data and data from new instruments
- Assimilation of satellite data impacted by clouds and precipitation
- Assimilation of land surface satellite observations
- Assimilation of ocean surface satellite observations
- Atmospheric composition; chemistry and aerosol

Additional focus areas have recently emerged across the JCSDA partners institutions. These include but are not limited to:

- Atmospheric Motion Vectors (AMVs data assimilation)
- O2R/R2O Activities
- Data denials and OSSE experiments

The JCSDA supports scientific development work in multiple areas via internal, directed, and external research projects with the purpose of accelerating and optimizing the assimilation of satellite data.

External research is funded via grants and contracts awarded through a competitive process open to the broader scientific community. In addition, the JCSDA partners conduct their own internal projects, some of which are directly related to the JCSDA priorities. These projects are labeled internal or in-kind contributions to JCSDA. It is essential that all these efforts be complementary and coordinated. The JCSDA technical review meeting and science workshop aims at facilitating this coordination.

### **Organization of the Meeting**

At the meeting, JCSDA Principal Investigators of internal, directed and external projects and affiliated scientists are expected to report on progress and participate in discussions about future plans of the Joint Center.

The JCSDA technical review meeting and science Workshop on satellite data assimilation will include both oral presentations (in plenary session), including invited talks, and posters. No parallel sessions will be held. In order to allow for open discussion, plenty of time will be available to presenters to interact with the audience. Adequate visibility will be provided to contributions from all scientific priority areas as well as emerging ones. Externally funded scientists are expected to attend and should give a progress report and indicate what they plan to do over the next year. An oral presentation is expected from the externally funded scientists.

There will also be a dedicated poster session. Note that posters will be mounted on their panels the first morning of the meeting and will remain on display until the end of the meeting. This arrangement will allow scientists to discuss the content of the posters not only during the poster session but also during coffee breaks and lunch breaks.

The duration of the meeting will be two full and one half days (finishing at lunch time on the third day).

### **Fee, Registration and deadlines:**

There is a fee of \$30 to attend the workshop, in order to cover coffee break arrangements. The fee will be expected to be paid either online ahead of time (see link below) or in cash the first day of the workshop (when signing in). It is paid directly to the provider. There will also be an option to purchase box lunches for \$12 each. <https://kloudcafe.wufoo.com/forms/jcsda/>

All information about registration and logistical details (including online registration) will be available via the JCSDA website as well: <http://www.jcsda.noaa.gov>. Registration should be made by April 1<sup>st</sup>. (Alternately, you may register by sending an email to [Erin.Jones@noaa.gov](mailto:Erin.Jones@noaa.gov), [Ana.Carrion@noaa.gov](mailto:Ana.Carrion@noaa.gov), [Rene.Brown@noaa.gov](mailto:Rene.Brown@noaa.gov) with CC to [James.G.Yoe@noaa.gov](mailto:James.G.Yoe@noaa.gov) and [Sid.boukabara@noaa.gov](mailto:Sid.boukabara@noaa.gov) by April 1<sup>st</sup> 2015.

When sending an email, please include the following:

- Name and organization, as you would like it to appear on your name badge
- Contact information (e-mail, work phone)
- Presentation (Y/N)
- If Y, please provide the following:
  - o Preference for Poster or Oral. Please note that the organizing committee might modify this choice.
  - o Title of presentation
  - o Presenter's name as well as co-authors.

### **Location:**

The 13<sup>th</sup> JCSDA Technical Review Meeting & Science Workshop on Satellite Data Assimilation will be hosted in the NCWCP building in College Park, Maryland. This location offers convenient access to the *Metro* public transit system of the Washington, DC area (College Park/Univ. of MD Metro station, and the Metro bus). It is also within walking distance of downtown College Park, MD.

**Presentation uploading:**

Presenters (both oral and poster) are encouraged to submit their presentations ahead of time, by sending an email to [Erin.Jones@noaa.gov](mailto:Erin.Jones@noaa.gov) with CC to [Rene.Brown@noaa.gov](mailto:Rene.Brown@noaa.gov), [Ana.Carrion@noaa.gov](mailto:Ana.Carrion@noaa.gov) and [James.G.Yoe@noaa.gov](mailto:James.G.Yoe@noaa.gov). The preferred format is pdf or PPT.

**Parking:**

For parking, participants are invited to park in the NCWCP parking. Note that a Government-issued ID may be required.